

ACE DIGITAL HOME



Connecting you to the new digital world



LHD™ LIMITED II PROFESSIONAL MEDIA SERVER

SPECIFICATIONS

INTEL® ViiV™ TECHNOLOGY CERTIFIED

INTEL® CORE2™ DUO PROCESSOR

4 TV TUNERS INCLUDING DUAL HDTV TUNERS

BEAUTIFUL TABLETOP OR 4U RACKMOUNT QUIET BRUSHED ALUMINUM CHASSIS, SILVER OR BLACK

INTEGRATED 7" LCD TOUCHSCREEN

GIGABIT ETHERNET PORT & 802.11A/B/G WI-FI

OPTIONAL ACE® POWERWORKS™ STORAGE SERVERS FROM 1/2 TO 36 TERABYTES AVAILABLE

HIGH PERFORMANCE ISF® CERTIFIED VIDEO USING ATI® RADEON® X1K™ TECHNOLOGY

NATIONWIDE ON-SITE SUPPORT AVAILABLE

DOLBY® MASTER STUDIO™ CERTIFIED AUDIO - 24 BIT/192KHZ WITH 8 HD CHANNELS

UP TO 4 TERABYTES OF RAID-BASED REDUNDANT STORAGE WITH ACRONIS® IMAGING SOFTWARE

SINGLE OR DUAL REWRITABLE DVD-RW DRIVES WITH LIGHTSCRIBE AND HD-DVD/BLU-RAY OPTIONS

FULLY MICROSOFT® VISTA® READY SYSTEM

LOGITECH® BLUETOOTH DINUVO OR LASER DESKTOP WITH HARMONY® REMOTE CONTROL

FIREWIRE AND USB 2.0 CONNECTIVITY BUILT-IN WITH BLUETOOTH OPTIONAL

ANTI-VIBRATION AND ACOUSTICALLY DAMPENED TO REDUCE AMBIENT NOISE FROM THE SYSTEM



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www.acedigitalhome.com

ACE LHD™ LIMITED II

Technical Specifications

Processors

Intel® Core2™ Duo

Chipset

Intel® 975X, Intel® ICH7DH-

Certified for Intel ViiV® Technology.



Chassis:

Black or Silver Aluminum with integrated 7" LCD Touchscreen for front display and local console selections (Black not available at time of submission)

Dimensions: 16.73" x 16.73" x 6.69" - (4U Rackmount); Weight: Approx 25 lbs

Operating System

Microsoft® Windows® XP Media Center Edition 2005 with High Definition Television and all recent updates. Also compatible with major home control software like Lifeware®

Television Tuners

NTSC - Dual Cable & Satellite Ready Tuners w/ full hardware MPEG-2 compression, a 3D comb filter, and advanced noise reduction for advanced Personal Video Recorder capabilities, Independent Inputs (S-Video, RF, RCA Audio Jacks)

ATSC - Dual HDTV Tuner able to receive Free Over the Air High Definition Television Broadcasts in North America.

FM Tuner

Stereo FM Terrestrial Radio

Audio



Dolby Master Studio Certified - Intel High Definition Audio 8-channel CODEC - 5.1 / 6.1 / 7.1 Digital Surround Sound - Dolby Labs Certified - 192KHz/24-bit audio output and S/PDIF out interface, Jack-sensing feature, retasking functions and multi-streaming technology that simultaneously sends different audio streams to different audio zones- Two Channel Audio Inputs in front and in rear

Storage -Internal:

Up to six 3.5" SATA Enterprise Grade Hard Drives; Total of 4.5TB Internal Data Storage (RAID5) - Dual SATA RAID Controllers Present, Can run RAID 0,1,5,10 and 50 if desired. System also comes with Acronis® backup software and can designate drives as hidden partitions for automatic regular scheduled backup for media. Maximum of 3.75TB RAID5 Redundant internal storage.

External:

1 Drive Bay for External Removable Archival Storage - Ships with 1 - 750GB Removable Drive and Acronis® Backup software with automatic backups Supports USB 2.0 and IEEE1394 (Firewire) external storage

Network: Out of the box support for the Ace Powerworks Storage Server family of A/V Storage Servers; Add up to 36 Terabytes of Networked Storage in one box, with native support for Microsoft Media Center 2005

Graphics

PCI Express x16



ATI X1600XL 256-bit, 16.0GB/sec. Memory Bandwidth, 16 Rendering Pipelines, 520 Engine Speed, Dual Integrated 10 bit per channel 400MHz DACs, Quad-Channel GDDR3 memory, DVD and HDTV-ready MPEG-2 decoding up to 1920x1080i resolutions.

Lossless Color Compression (up to 6:1) at all resolutions, including widescreen HDTV resolutions, Integrated HDTV Encoder, Advanced adaptive de-interlacing, WMV9 decode acceleration, OpenGL® 2.0 Optimizations and Support, Microsoft® DirectX® 9.0 Shader Model 3.0 Support, Maximum 3D Resolution: 16.7M colors at 2048x1536.

Outputs: HDMI, DVI, VGA, Composite, S-Video, Component Video is optional

ISF Certified - tested and verified to meet a superior level of technical performance, and the approval of the most discerning eye and ear.

Optical Disk Drive

Multi Format DVD & CD Recorder with Lightscribe Technology, Blue-Ray/HD-DVD Technology Ready

16x Speed DVD-R Writing, 4x Speed DVD-RW Writing, 16x Speed DVD+R Writing, 4x Speed DVD+RW Writing, 24x Speed CD-R Writing, 10x Speed CD-RW Writing, 24x Speed CD-ROM Reading, 16x Speed DVD-ROM Reading, Buffer Under Run Protection, DVD MULTI Read/Write Support

Memory

2GB DDR2 PC5300 Memory Standard ; 4GB maximum - Dual channel memory architecture - 4 x 184-pin DIMM sockets

Networking

10/100/1000 Base-T Gigabit Ethernet LAN via PCI Express and Wireless 802.11A/B/G

Input Devices

Logitech® Laser Desktop- Bluetooth Keyboard and Mouse with Bluetooth Remote - Logitech Harmony™ Series

Expansion Ports

USB 2.0:
2 x Front Panel, 4x Rear Panel

IEEE1394 (Firewire):
1x Front Panel, 1x Rear Panel

Power

600 Watt Modular Power Supply w/ over power protection, 230 Volt / optional 115 Volt.

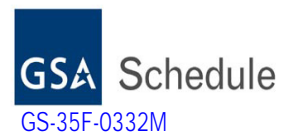
Intel Certified Rounded Heat Sink Design

Mounting:

Anti-Vibration and Anti-Sound Design - Ace Proprietary Cooling System

Microsoft®
GOLD CERTIFIED

Partner



ACE DIGITAL HOME

OVER 20 YEARS OF SYSTEMS MANUFACTURING
EXPERIENCE IN THE IT INDUSTRY

*RANKED #12 LARGEST US COMPUTER
SYSTEMS MANUFACTURER BY CRN MAGAZINE,

*#1 IN STORAGE SERVERS BY CRN MAGAZINE

*MEMBER OF VARBUSINESS TOP 500
LARGEST IT RESELLERS IN THE US

*GSA SCHEDULE GS-35F-0332M

*MULTIPLE STATE AND EDUCATIONAL
CONTRACTING VEHICLES AVAILABLE



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